Complete if Known Substitute for form 1449/PTO **Application Number** 10/583,464 Filing Date January 16, 2007 INFORMATION DISCLOSURE First Named Inventor Arumugham, Rasappa G. STATEMENT BY APPLICANT Art Unit 1648 (Use as many sheets as necessary) **Examiner Name** Emily M. Le Attorney Docket Number 025721-000110US 1 3 Sheet

xaminer	Cite	Document Number	Publication Date		of Patentee or	Pages, Columns, Lines, Where
Initials*	No.¹	Number Kind Code <sup>2 (If known)</sup>	MM-DD-YYYY	Applicant of	f Cited Document	Relevant Passages or Relevant Figures Appear
	64	5,360,897	11-01-1994	Andei	rson et al.	Cited by ex in 140US case
	65	4,882,317	11-21-1989	Marb	urg et al.	Cited in C-110US OA
	67	6,787,523	09-07-2004	S	chenk	J-004720US
	68	6,787,143	09-07-2004	S	chenk	J-004722US
	69	6,787,138	09-07-2004	S	chenk	J-004723US
	70	6,787,144	09-07-2004	S	chenk	J-004724US
	71	6,787,139	09-07-2004	S	chenk	J-004725US
	72	6,787,140	09-07-2004	S	chenk	J-004726US
	73	6,866,850	03-15-2005	S	chenk	J-004727US
	74	6,818,218	11-16-2004	S	chenk	J-004728US
	75	6,866,849	03-15-2005	S	chenk	J-004729US
	76	6,808,712	10-26-2004	S	chenk	J-004733US
	77	7,014,855	03-21-2006	S	chenk	J-004736US
	78	6,982,084	01-03-2006	S	chenk	J-004738US
	79	6,962,707	01-08-2005	S	chenk	J-004739US
	80	6,710,226	03-23-2004	S	chenk	J-004744US
	81	2004/0265308 (Abn)	12-30-2004	S	chenk	J-004746US
	82	2004/0219146 (Abn)	11-04-2004	S	chenk	J-004747US
	83	2005/0013815	01-20-2005	S	chenk	J-04748US
	84	2005/0048049 (Abn)	03-03-2005	S	chenk	J-004749US
	85	6,905,686	06-14-2005	S	chenk	J-004751US
	86	6,743,427	06-01-2004	S	chenk	J-004752US
	87	2005/0019328 (Abn)	01-27-2005	Sche	enk et al.	J-004754US
	88	2005/0142132 (Abn)	06-30-2005	Sche	enk et al.	J-004755US
	89	6,761,888	07-13-2004	07-13-2004 Schenk		J-004760US
	90	6,750,324	06-15-2004	15-2004 Schenk et al.		J-004761US
	91	6,787,637	09-07-2004	S	chenk	J-004764US
	92	7,575,880	08-18-2009	Sche	enk et al.	J-004765US
	93	2005/0059802	03-17-2005	Sch	enk et al.	J-004766US
	94	2005/0158304 (Abn)	07-21-2005	Sch	enk et al.	J-004767US
111	95	2004/0247590 (Abn)	12-09-2004	Sche	enk et al.	J-004768US
	96	2004/0265301 (Abn)	12-30-2004	Sch	enk et al.	J-004769US
	97	7,588,766	09-15-2009	S	chenk	J-004771US
	98	2005/0059591 (Abn)	03-17-2005	Sch	enk et al.	J-004773US
	99	2005/0255122 (Abn)	11-17-2005	S	chenk	J-472000US
Examiner Signature				. •	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of U.S. Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known			
				Application Number	10/583,464		
			01100	Filing Date	January 16, 2007		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor	Arumugham, Rasappa G.		
				Art Unit	1648		
				Examiner Name	Emily M. Le		
Sheet	2	of	3	Attorney Docket Number	025721-000110US		

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	100	2005/019314 (Abn)	09-01-2005	Schenk	J-472001US			
	101	2006/0034858	02-16-2006	Schenk	J-472002US			
	102	6,946,135	09-20-2005	Schenk	J-472003US			
	103	2006/0029611	02-09-2006	Schenk	J-472004US			
	104	6,972,127	12-06-2005	Schenk	J-472005US			
	105	2005/0163788 (Abn)	07-28-2005	Schenk	J-472006US			
	106	2005/0196399 (Abn)	09-08-2005	Schenk	J-474000US			
	107	2005/0249727 (Abn)	11-10-2005	Schenk	J-474300US			
	108	2005/0191292 (Abn)	09-01-2005	Schenk	J-474301US			
	109	2005/0019330	01-27-2005	Schenk et al.	J-474302US			
	110	2004/0081657	04-29-2004	Schenk	J-474303US			
	111	2009/0297511	12-03-2009	Schenk	J-474700US			
	112	2009/0191231	07-30-2009	Schenk et al.	J-477101US			
	113	2008/0227719 (Abn)	09-18-2008	Schenk et al.	J-477102US			
	114	2008/0227718	09-18-2008	Schenk et al.	J-477103US			
	115	2008/0096818 (Abn)	04-24-2008	Schenk et al.	J-477105US			
	116	6,890,535	05-10-2005	Schenk				
	117	6,875,434	04-05-2005	Schenk				

					FOREIGN I	PATENT DOCU	MENTS		
	xaminer Initials*	Cite No.1	Fo	reign Patent Do	ocument	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	т <sup>6</sup>
			Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )			or Relevant Figures Appear	
		57	EP	1 321 466	A1	06-25-2006	Randox Lab Ltd		
ļ		58	wo	93/15760	A1	08-19-1993			

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of U.S. Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Substitute	for form 1449/PTC	)		Complete if Known			
				Application Number	10/583,464		
INFO	RMATION	DISCLOS	SURE	Filing Date	January 16, 2007		
STA	TEMENT E	BY APPLIC	CANT	First Named Inventor	Arumugham, Rasappa G.		
				Art Unit	1648		
	(Use as many sh	eets as necessary)		Examiner Name	Emily M. Le		
Sheet	3	of	3	Attorney Docket Number	025721-000110US		

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
	62	ASKELÖF et al., "Protective Immunogenicity of Two Synthetic Peptides Selected From the Amino Acid Sequence of Bodetella Pertussis Toxin Subunit S1," Microbiology, Pro. Natl. Acad. Sci., 87:1347-1351 (1990).						
	66	BRINKLEY, "A Brief Survey of Methods for Preparing Protein Conjugates with Dyes, Haptens, and Cross-Linking Reagents," Bioconjugate Chem. 3:2-13 (1992).						
	59	BRUNSWICK et al., "Picogram Quantities of Anti-Ig Antibodies Coupled to Dextran Induce B Cell Proliferation," Association of Immunologist, 140(10):3364-3372 (1988).						
	60	HERMANSON, "Bioconjugate Techniques," Academic Press, pgs. 514-515 (1996).						
·	61	Supplementary European Search Report dated 08/31/2009 for application EP 04817081.						

Examiner Date		.,	
Signature Considered	Examiner	l	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.